

**Claims: What is claimed is:**

1. A multi-channel redundant wireless networking link comprises two multi-channel redundant wireless networking link (RWNL) devices.
2. The RWNL device of claim 1 comprises a processor unit, a radio control unit, and plurality of wireless networking radio units.
  3. The wireless networking radio units of claim 2 communicating with correspondent wireless networking radio units forms a wireless networking child links.
  4. All wireless networking child links of claim 3 redundant to each other.
5. A multi-channel redundant wireless networking link of claim 1 aggregates all of its entire wireless networking child links.